Contents to volume 335

Research Letters

Primary structure and functional expression of mouse pituitary and human brain corticotrophin releasing factor receptors (FEBS 13277) *N. Vita, P. Laurent, S. Lefort, P. Chalon, J.-M. Lelias, M. Kaghad, G. Le Fur, D. Caput, P. Ferrara* 1

The genomic region encoding toxin gamma from the scorpion *Tityus serrulatus* contains an intron (FEBS 13279) *B. Becerril, M. Corona, M.C. Mejla, B.M. Martin, S. Lucas, F. Bolivar, L.D. Possani* 6

Carbohydrate isoforms of antithrombin variant N135Q with different heparin affinities (FEBS 13278) *I.V. Turko, B. Fan, P.G.W. Gettins* 9

Cytochrome *d* axial ligand of the *bd*-type terminal quinol oxidase from *Escherichia coli* (FEBS 13280) *M. Tsubaki, T. Uno, H. Hori, T. Mogi, Y. Nishimura, Y. Anraku* 13

NMR determination of the secondary structure and the three-dimensional polypeptide backbone fold of the human sterol carrier protein 2 (FEBS 13281) *T. Szyperski, S. Scheek, J. Johansson, G. Assmann, U. Seedorf, K. Wüthrich* 18

Expression and regulation of the bovine vesicular monoamine transporter gene (FEBS 13282) *E. Krejci, B. Gasnier, D. Botton, M.-F. Isambert, C. Sagné, J. Gagnon, J. Massoulié, J.-P. Henry* 27

Sarcoplasmic reticulum calcium ATPase: Labeling of a putative Mg^{2+} site by reaction with a carbodiimide and a spin-label (FEBS 13283) *C. Coan, P. Jakobs, J.-Y. Ji, A.J. Murphy* 33

Immediate-early gene induction by repetitive mechanical but not electrical activity in adult rat cardiomyocytes (FEBS 13284) *C. Kubisch, B. Wollnik, A. Maass, R. Meyer, H. Vetter, L. Neyses* 37

The MyoD binding site is dispensable for cardiac actin gene expression in the somites of later stage *Xenopus* embryos (FEBS 13286) *X.-L. Su, H.R. Woodland* 41

Adaptability of nonnatural aromatic amino acids to the active center of the *E. coli* ribosomal A site (FEBS 13289) *T. Hohsaka, K. Sato, M. Sisido, K. Takai, S. Yokoyama* 47

Alternative transcripts of the human CD23/FcεRII: A possible novel mechanism of generating a soluble isoform in the type-II cell surface receptor (FEBS 13290) *M. Matsui, R. Nunez, Y. Sachi, R.G. Lynch, J. Yodoi* 51

The *Escherichia coli cysG* gene encodes the multifunctional protein, siroheme synthase (FEBS 13291) *J.B. Spencer, N.J. Stolowich, C.A. Roessner, A.I. Scott* 57

Synthesis of functional $GABA_A$ receptors in stable insect cell lines (FEBS 13308) *K.A. Joyce, A.E. Atkinson, I. Bermudez, D.J. Beadle, L.A. King* 61

Regulation of CCK mRNA in the human neuroepithelioma cell line SK-N-MCIXC in response to second messenger activators (FEBS 13292) *B.L. Mania-Farnell, B.J. Merrill, P.N.M. Konings, T.P. Davis* 65

Variability patterns of dehydrogenases versus peptide hormones and proteases/antiproteases (FEBS 13293) *H. Jörnvall, B. Persson, H. Jörnvall* 69

RPII15 codes for the M_r 15,000 subunit 9 of *Drosophila melanogaster* RNA polymerase II (FEBS 13295) *Z. Liu, R.E. Kontermann, R.A. Schulze, G. Petersen, E.K.F. Bautz* 73

Activation of snake venom metalloproteinases by a cysteine switch-like mechanism (FEBS 13296) *F. Grams, R. Huber, L.F. Kress, L. Moroder, W. Bode* 76

Enzymes of the cyclic GMP metabolism in bovine retina: I. Cloning and expression of the gene for guanylate kinase (FEBS 13298) *I.O. Gaidarov, O.N. Suslov, N.G. Abdulaev* 81

Subunit structure of ATP synthase from *Chloroflexus aurantiacus* (FEBS 13299) *M.F. Yanyushin* 85

Generation of βA4 from the amyloid protein precursor and fragments thereof (FEBS 13297) *T. Dyrks, E. Dyrks, U. Mönning, B. Urmoneit, J. Turner, K. Beyreuther* 89

Amino acid sequence surrounding the retinal-binding site in retinochrome of the squid, *Todarodes pacificus* (FEBS 13300) *I. Hara-Nishimura, M. Kondo, M. Nishimura, R. Hara, T. Hara* 94

Botulinum neurotoxins serotypes A and E cleave SNAP-25 at distinct COOH-terminal peptide bonds (FEBS 13302) *G. Schiavo, A. Santucci, B.R. Dasgupta, P.P. Mehta, J. Jontes, F. Benfenati, M.C. Wilson, C. Montecucco* 99

Reaction of the type III iodothyronine deiodinase with the affinity label *N*-bromoacetyl-triiodothyronine (FEBS 13303) *C.H.H. Schoenmakers, I.G.A.J. Pigmans, E. Kaptein, V.M. Darras, T.J. Visser* 104

Neurogranin, a B-50/GAP-43-immunoreactive C-kinase substrate (BICKS), is ADP-ribosylated (FEBS 13304) *P.J. Coggins, K. McLean, H. Zwiers* 109

Lymphotoxin gene expression by melanocytes and melanoma cell lines and persistence of unspliced mRNA (FEBS 13305) *C. Melani, A. Silvani, G. Parmiani, M.P. Colombo* 114

Variant plasma gelsolin responsible for familial amyloidosis (Finnish type) has defective actin severing activity (FEBS 13309) *A.G. Weeds, J. Gooch, P. McLaughlin, C.P.J. Maury* 119

Basic fibroblast growth factor protects cerebellar neurons in primary culture from NMDA and non-NMDA receptor mediated neurotoxicity (FEBS 13306) *M.T. Fernández-Sánchez, A. Novelli* 124

Glycoprotein IIb peptide 656–667 mimics the fibrinogen γ chain 402–411 binding site on platelet integrin GPIIb/IIIa (FEBS 13310) *J.J. Calvete, G. Rivas, W. Schäfer, M.A. McLane, S. Niewiarowski* 132

Commentary

Comment on the paper by Shchelkunov et al. (1993) FEBS Letters 319, 80–83. Two genes encoding poxvirus cytokine receptors are disrupted or deleted in variola virus (FEBS 13287) *A. Alcami, G.L. Smith* 136

Commentary Response

Variola virus does not synthesize interleukin-1β binding protein. The errors in paper by Shchelkunov, S.N., Blinov, V.M. and Sandakhchiev, L.S. (1993) FEBS Letters 319, 80–83 (FEBS 13288) *S.N. Shchelkunov, V.M. Blinov* 138

Book Reviews 139

Booklist No. 116 147

Research Letters

Autocatalytic modification of human carbonyl reductase by 2-oxocarboxylic acids (FEBS 13311) *B. Wermuth, K.M. Bohren, E. Ernst* 151

The *Drosophila* ankyrin repeat protein cactus has a predominantly α-helical secondary structure (FEBS 13314) *N.J. Gay, M. Ntwasa* 155

The growth-supportive effect of thrombospondin (TSP1) and the expression of TSP1 by human MG-63 osteoblastic cells are both inhibited by dexamethasone (FEBS 13316) *Z. Abbadia, J. Amiral, M.-C. Trzeciak, P.D. Delmas, P. Clezardin* 161

Contents to volume 335

Research Letters

Primary structure and functional expression of mouse pituitary and human brain corticotrophin releasing factor receptors (FEBS 13277) *N. Vita, P. Laurent, S. Lefort, P. Chalon, J.-M. Lelias, M. Kaghad, G. Le Fur, D. Caput, P. Ferrara* 1

The genomic region encoding toxin gamma from the scorpion *Tityus serrulatus* contains an intron (FEBS 13279) *B. Becerril, M. Corona, M.C. Mejla, B.M. Martin, S. Lucas, F. Bolivar, L.D. Possani* 6

Carbohydrate isoforms of antithrombin variant N135Q with different heparin affinities (FEBS 13278) *I.V. Turko, B. Fan, P.G.W. Gettins* 9

Cytochrome *d* axial ligand of the *bd*-type terminal quinol oxidase from *Escherichia coli* (FEBS 13280) *M. Tsubaki, T. Uno, H. Hori, T. Mogi, Y. Nishimura, Y. Anraku* 13

NMR determination of the secondary structure and the three-dimensional polypeptide backbone fold of the human sterol carrier protein 2 (FEBS 13281) *T. Szyperski, S. Scheek, J. Johansson, G. Assmann, U. Seedorf, K. Wüthrich* 18

Expression and regulation of the bovine vesicular monoamine transporter gene (FEBS 13282) *E. Krejci, B. Gasnier, D. Botton, M.-F. Isambert, C. Sagné, J. Gagnon, J. Massoulié, J.-P. Henry* 27

Sarcoplasmic reticulum calcium ATPase: Labeling of a putative Mg^{2+} site by reaction with a carbodiimide and a spin-label (FEBS 13283) *C. Coan, P. Jakobs, J.-Y. Ji, A.J. Murphy* 33

Immediate-early gene induction by repetitive mechanical but not electrical activity in adult rat cardiomyocytes (FEBS 13284) *C. Kubisch, B. Wollnik, A. Maass, R. Meyer, H. Vetter, L. Neyses* 37

The MyoD binding site is dispensable for cardiac actin gene expression in the somites of later stage *Xenopus* embryos (FEBS 13286) *X.-L. Su, H.R. Woodland* 41

Adaptability of nonnatural aromatic amino acids to the active center of the *E. coli* ribosomal A site (FEBS 13289) *T. Hohsaka, K. Sato, M. Sisido, K. Takai, S. Yokoyama* 47

Alternative transcripts of the human CD23/FcεRII: A possible novel mechanism of generating a soluble isoform in the type-II cell surface receptor (FEBS 13290) *M. Matsui, R. Nunez, Y. Sachi, R.G. Lynch, J. Yodoi* 51

The *Escherichia coli cysG* gene encodes the multifunctional protein, siroheme synthase (FEBS 13291) *J.B. Spencer, N.J. Stolowich, C.A. Roessner, A.I. Scott* 57

Synthesis of functional $GABA_A$ receptors in stable insect cell lines (FEBS 13308) *K.A. Joyce, A.E. Atkinson, I. Bermudez, D.J. Beadle, L.A. King* 61

Regulation of CCK mRNA in the human neuroepithelioma cell line SK-N-MCIXC in response to second messenger activators (FEBS 13292) *B.L. Mania-Farnell, B.J. Merrill, P.N.M. Konings, T.P. Davis* 65

Variability patterns of dehydrogenases versus peptide hormones and proteases/antiproteases (FEBS 13293) *H. Jörnvall, B. Persson, H. Jörnvall* 69

RPII15 codes for the M_r 15,000 subunit 9 of *Drosophila melanogaster* RNA polymerase II (FEBS 13295) *Z. Liu, R.E. Kontermann, R.A. Schulze, G. Petersen, E.K.F. Bautz* 73

Activation of snake venom metalloproteinases by a cysteine switch-like mechanism (FEBS 13296) *F. Grams, R. Huber, L.F. Kress, L. Moroder, W. Bode* 76

Enzymes of the cyclic GMP metabolism in bovine retina: I. Cloning and expression of the gene for guanylate kinase (FEBS 13298) *I.O. Gaidarov, O.N. Suslov, N.G. Abdulaev* 81

Subunit structure of ATP synthase from *Chloroflexus aurantiacus* (FEBS 13299) *M.F. Yanyushin* 85

Generation of βA4 from the amyloid protein precursor and fragments thereof (FEBS 13297) *T. Dyrks, E. Dyrks, U. Mönning, B. Urmoneit, J. Turner, K. Beyreuther* 89

Amino acid sequence surrounding the retinal-binding site in retinochrome of the squid, *Todarodes pacificus* (FEBS 13300) *I. Hara-Nishimura, M. Kondo, M. Nishimura, R. Hara, T. Hara* 94

Botulinum neurotoxins serotypes A and E cleave SNAP-25 at distinct COOH-terminal peptide bonds (FEBS 13302) *G. Schiavo, A. Santucci, B.R. Dasgupta, P.P. Mehta, J. Jontes, F. Benfenati, M.C. Wilson, C. Montecucco* 99

Reaction of the type III iodothyronine deiodinase with the affinity label *N*-bromoacetyl-triiodothyronine (FEBS 13303) *C.H.H. Schoenmakers, I.G.A.J. Pigmans, E. Kaptein, V.M. Darras, T.J. Visser* 104

Neurogranin, a B-50/GAP-43-immunoreactive C-kinase substrate (BICKS), is ADP-ribosylated (FEBS 13304) *P.J. Coggins, K. McLean, H. Zwiers* 109

Lymphotoxin gene expression by melanocytes and melanoma cell lines and persistence of unspliced mRNA (FEBS 13305) *C. Melani, A. Silvani, G. Parmiani, M.P. Colombo* 114

Variant plasma gelsolin responsible for familial amyloidosis (Finnish type) has defective actin severing activity (FEBS 13309) *A.G. Weeds, J. Gooch, P. McLaughlin, C.P.J. Maury* 119

Basic fibroblast growth factor protects cerebellar neurons in primary culture from NMDA and non-NMDA receptor mediated neurotoxicity (FEBS 13306) *M.T. Fernández-Sánchez, A. Novelli* 124

Glycoprotein IIb peptide 656–667 mimics the fibrinogen γ chain 402–411 binding site on platelet integrin GPIIb/IIIa (FEBS 13310) *J.J. Calvete, G. Rivas, W. Schäfer, M.A. McLane, S. Niewiarowski* 132

Commentary

Comment on the paper by Shchelkunov et al. (1993) FEBS Letters 319, 80–83. Two genes encoding poxvirus cytokine receptors are disrupted or deleted in variola virus (FEBS 13287) *A. Alcami, G.L. Smith* 136

Commentary Response

Variola virus does not synthesize interleukin-1β binding protein. The errors in paper by Shchelkunov, S.N., Blinov, V.M. and Sandakhchiev, L.S. (1993) FEBS Letters 319, 80–83 (FEBS 13288) *S.N. Shchelkunov, V.M. Blinov* 138

Book Reviews 139

Booklist No. 116 147

Research Letters

Autocatalytic modification of human carbonyl reductase by 2-oxocarboxylic acids (FEBS 13311) *B. Wermuth, K.M. Bohren, E. Ernst* 151

The *Drosophila* ankyrin repeat protein cactus has a predominantly α-helical secondary structure (FEBS 13314) *N.J. Gay, M. Ntwasa* 155

The growth-supportive effect of thrombospondin (TSP1) and the expression of TSP1 by human MG-63 osteoblastic cells are both inhibited by dexamethasone (FEBS 13316) *Z. Abbadia, J. Amiral, M.-C. Trzeciak, P.D. Delmas, P. Clezardin* 161

The first application of a chemiluminescence probe, 2-methyl-6-[*p*-methoxyphenyl]-3,7-dihydroimidazo[1,2-*a*]pyrazin-3-one (MCLA), for detecting O_2^- production, in vitro, from Kupffer cells stimulated by phorbol myristate acetate (FEBS 13317) *K. Uehara, N. Maruyama, C.-K. Huang, M. Nakano* 167

A cdc2-related kinase PSSALRE/cdk5 is homologous with the 30 kDa subunit of tau protein kinase II, a proline-directed protein kinase associated with microtubule (FEBS 13312) *S. Kobayashi, K. Ishiguro, A. Omori, M. Takamatsu, M. Arioka, K. Imahori, T. Uchida* 171

Biochemical characterization of a 34 kDa ribonucleoprotein (p34) purified from the spinach chloroplast fraction as an effective phosphate acceptor for casein kinase II (FEBS 13318) *M. Kanekatsu, H. Munakata, K. Furuzono, K. Ohtsuki* 176

Compositional compartmentalization of the nuclear genomes of *Trypanosoma brucei* and *Trypanosoma equiperdum* (FEBS 13319) *A. Isacchi, G. Bernardi, G. Bernardi* 181

Suppression of neuronal potassium A-current by arachidonic acid (FEBS 13320) *A. Villarroel* 184

Characterization of two cDNAs (ERD11 and ERD13) for dehydration-inducible genes that encode putative glutathione *S*-transferases in *Arabidopsis thaliana* L. (FEBS 13321) *T. Kiyosue, K. Yamaguchi-Shinozaki, K. Shinozaki* 189

Effect of 67 kDa calcimedin on caldesmon functioning (FEBS 13322) *N.V. Bogatcheva, M.P. Panaiotov, A.V. Vorotnikov, N.B. Gusev* 193

Nucleoside triphosphatase activity associated with the N-terminal domain of mammalian tryptophanyl-tRNA synthetase (FEBS 13323) *G. Kovaleva, T. Nikitushkina, L. Kisselev* 198

High-affinity binding of a protein–lipopolysaccharide phytotoxin from *Verticillium dahliae* to cotton membranes (FEBS 13324) *R. Meyer, I.A. Dubery* 203

Different ratios in 20 S proteasomes and regulatory subunit complexes in two isoforms of the 26 S proteasome purified from rabbit skeletal muscle (FEBS 13325) *H. Sawada, K. Muto, M. Fujimuro, T. Akaishi, M.T. Sawada, H. Yokosawa, A.L. Goldberg* 207

Caldecrin proform requires trypsin activation for the acquisition of serum calcium-decreasing activity (FEBS 13326) *A. Tomomura, T. Fukushige, M. Tomomura, T. Noikura, Y. Nishii, T. Saheki* 213

Phosphorylation of the L-type calcium channel β subunit is involved in β-adrenergic signal transduction in canine myocardium (FEBS 13327) *H. Haase, P. Karczewski, R. Beckert, E.G. Krause* 217

Detection of Duchenne muscular dystrophy gene products in amniotic fluid and chorionic villus sampling cells (FEBS 13329) *H. Prigojin, M. Brusel, O. Fuchs, R. Shomrat, C. Legum, U. Nudel, D. Yaffe* 223

Human lymphocyte antigen CD38 catalyzes the production of cyclic ADP-ribose (FEBS 13328) *R.J. Summerhill, D.G. Jackson, A. Galione* 231

In vivo biosynthesis of cholesterol in the rat retina (FEBS 13301) *S.J. Fliesler, R. Florman, L.M. Rapp, S.J. Pittler, R.K. Keller* 234

Electrophoretically defined myosin heavy chain patterns of single human muscle spindles (FEBS 13331) *F. Pedrosa-Domellöf, B. Gohlsch, L.-E. Thornell, D. Pette* 239

Electrophoretic analysis of myosin heavy chain isoform patterns in extraocular muscles of the rat (FEBS 13330) *G. Asmussen, I. Traub, D. Pette* 243

Purification of hydroxylamine oxidase from *Thiosphaera pantotropha*: Identification of electron acceptors that couple heterotrophic nitrification to aerobic denitrification (FEBS 13333) *J.-M. Wehrfritz, A. Reilly, S. Spiro, D.J. Richardson* 246

Different factors bind to the regulatory region of the Na^+,K^+-ATPase α1-subunit gene during the cell cycle (FEBS 13332) *K. Kawakami, K. Yanagisawa, Y. Watanabe, S.-i. Tominaga, K. Nagano* 251

Characterisation of a novel cysteine/histidine-rich metal binding domain from *Xenopus* nuclear factor XNF7 (FEBS 13334) *K.L.B. Borden, S.R. Martin, N.J. O'Reilly, J.M. Lally, B.A. Reddy, L.D. Etkin, P.S. Freemont* 255

High sensitivity to site directed mutagenesis of the peptide segment connecting phosphorylation and Ca^{2+} binding domains in the Ca^{2+} transport ATPase (FEBS 13336) *Z. Zhang, C. Sumbilla, D. Lewis, G. Inesi* 261

Differential contribution by conserved glutamate residues to an ion-selectivity site in the L-type Ca^{2+} channel pore (FEBS 13335) *G. Mikala, A. Bahinski, A. Yatani, S. Tang, A. Schwartz* 265

The role of apoptotic and necrotic processes in cytolysis mediated by LAK cells with different phenotypes (FEBS 13337) *L.P. Sashchenko, O.D. Kabanova, L.Y. Blishchenko, T.I. Lukjianova, D.K. Satpaev, O.Y. Chertov, N.V. Gnuchev* 270

Internal ribosome entry site of encephalomyocarditis virus RNA is unable to direct translation in *Saccharomyces cerevisiae* (FEBS 13338) *A.G. Evstafieva, A.V. Beletsky, A.V. Borovjagin, A.A. Bogdanov* 273

The presence of a calcium-sensitive p26-containing complex in bovine retina rod cells (FEBS 13339) *E.N. Gorodovikova, P.P. Philippov* 277

A novel β-*N*-acetylglucosaminidase activity in hog gastric mucosal microsomes: Preferential hydrolysis of terminal GlcNAcβ1–3 linkages in GlcNAcβ1–3-(GlcNAcβ1–6)Galβ1–4GlcNAc, but GlcNAcβ1–6 linkages in GlcNAcβ1–3(GlcNAcβ1–6)Gal (FEBS 13340) *J. Helin, A. Seppo, A. Leppänen, L. Penttilä, H. Maaheimo, R. Niemelä, S. Lauri, O. Renkonen* 280

Effect of catalytically active recruited crystallins on lens metabolism (FEBS 13342) *M.C. Reddy, B. Groth-Vasselli, A. Sharon, P.N. Farnsworth* 285

Evolutionary clustering and functional similarity of RNA-binding proteins (FEBS 13341) *K. Fukami-Kobayashi, S. Tomoda, M. Gō* 289

Commentary

The similarity of cytochrome *c* and ubiquinol oxidases (FEBS 13313) *T. Haltia* 294

Commentary Response

Further comparison of ubiquinol and cytochrome *c* terminal oxidases (FEBS 13315) *S.M. Musser, M.H.B. Stowell, S.I. Chan* 296

Research Letters

Molecular characterization of *Phl p* II, a major timothy grass (*Phleum pratense*) pollen allergen (FEBS 13344) *C. Dolecek, S. Vrtala, S. Laffer, P. Steinberger, D. Kraft, O. Scheiner, R. Valenta* 299

Molecular basis for the different binding properties of benzodiazepines to human and bovine peripheral-type benzodiazepine receptors (FEBS 13345) *R. Farges, E. Joseph-Liauzun, D. Shire, D. Caput, G. Le Fur, G. Loison, P. Ferrara* 305

The glycine residue of ATP regulatory module in receptor guanylate cyclases that is essential in natriuretic factor signaling (FEBS 13346) *T. Duda, R.M. Goraczniak, R.K. Sharma* 309

Expression of a *Drosophila* GABA receptor in a baculovirus insect cell system: Functional expression of insecticide susceptible and resistant GABA receptors from the cyclodiene resistance gene *Rdl* (FEBS 13347) *H.-J. Lee, T. Rocheleau, H.-G. Zhang, M.B. Jackson, R.H. ffrench-Constant* 315

Pectate lyase from *Bacillus subtilis*: molecular characterization of the gene, and properties of the cloned enzyme (FEBS 13343) *W. Nasser, A.C. Awadé, S. Reverchon, J. Robert-Baudouy* 319

Characterisation of an epitope recognised by a monoclonal antibody against horse alcohol dehydrogenase using peptides synthesised on solid support (FEBS 13348) *N.A. Leone, D.B. Whitehouse, D.M. Swallow, G.R. Wallace, A. Adinolfi* 327

Glycine–glutamate interactions at the NMDA receptor: role of cysteine residues (FEBS 13350) *B. Laube, A. Kuryatov, J. Kuhse, H. Betz* 331

Epitope mapping of a monoclonal antibody which binds HIV-1 Gag and not the Gag-derived proteins (FEBS 13349) *E. Sarubbi, M. Denaro* 335

Insight into the interactions between subunits I and II of the cytochrome *c* oxidase of the yeast *Saccharomyces cerevisiae* by means of extragenic complementation (FEBS 13351) *B. Meunier, A.-M. Colson* 338

Restricted mobility of the sole tryptophan in membrane-bound melittin (FEBS 13353) *A. Chattopadhyay, R. Rukmini* 341

Derivatives of thapsigargin as probes of its binding site on endoplasmic reticulum Ca^{2+} ATPase: Stereoselectivity and important functional groups (FEBS 13354) *S.B. Christensen, A. Andersen, J.-C.J. Poulsen, M. Treiman* 345

Hydrolysis of small peptide substrates parallels binding of chymotrypsin inhibitor 2 for mutants of subtilisin BPN′ (FEBS 13356) *J. Eder, M. Rheinnecker, A.R. Fersht* 349

Phosphorylation of a phosphoinositidase C-linked muscarinic receptor by a novel kinase distinct from β-adrenergic receptor kinase (FEBS 13352) *A.B. Tobin, B. Keys, S.R. Nahorski* 353

Cloning and disruption of the gene encoding yeast mitochondrial chaperonin 10, the homolog of *E. coli* groES (FEBS 13359) *S. Rospert, T. Junne, B.S. Glick, G. Schatz* 358

Rat endopeptidase-24.18 α subunit is secreted into the culture medium as a zymogen when expressed by COS-1 cells (FEBS 13355) *D. Corbeil, P.-E. Milhiet, V. Simon, J. Ingram, A.J. Kenny, G. Boileau, P. Crine* 361

Cloning of the PABA peptide hydrolase alpha subunit (PPHα) from human small intestine and its expression in COS-1 cells (FEBS 13357) *E. Dumermuth, J.A. Eldering, J. Grünberg, W. Jiang, E.E. Sterchi* 367

Expression of the alpha subunit of PABA peptide hydrolase (EC 3.4.24.18) in MDCK cells: Synthesis and secretion of an enzymatically inactive homodimer (FEBS 13358) *J. Grünberg, E. Dumermuth, J.A. Eldering, E.E. Sterchi* 376

Molecular analysis of *SAR1*-related cDNAs from a mouse pituitary cell line (FEBS 13360) *K.A. Shen, C.M. Hammond, H.-P.H. Moore* 380

Author index to volume 335 386

Contents to volume 335 390